

ABSTRACT

In a non-aqueous electrolyte secondary battery including anode and cathode consisting of material capable of doping/undoping of lithium, and non-aqueous electrolytic solution in which electrolyte is dissolved in non-aqueous solvent, flaky graphite having high crystallinity and high electron conductivity is added as conductive agent into the anode and the cathode. Further, granulated carbon or carbon black having specific material property is added as conductive agent in addition to the flaky graphite. Thus, non-aqueous electrolyte secondary battery having long cycle life time and high reliability can be obtained.